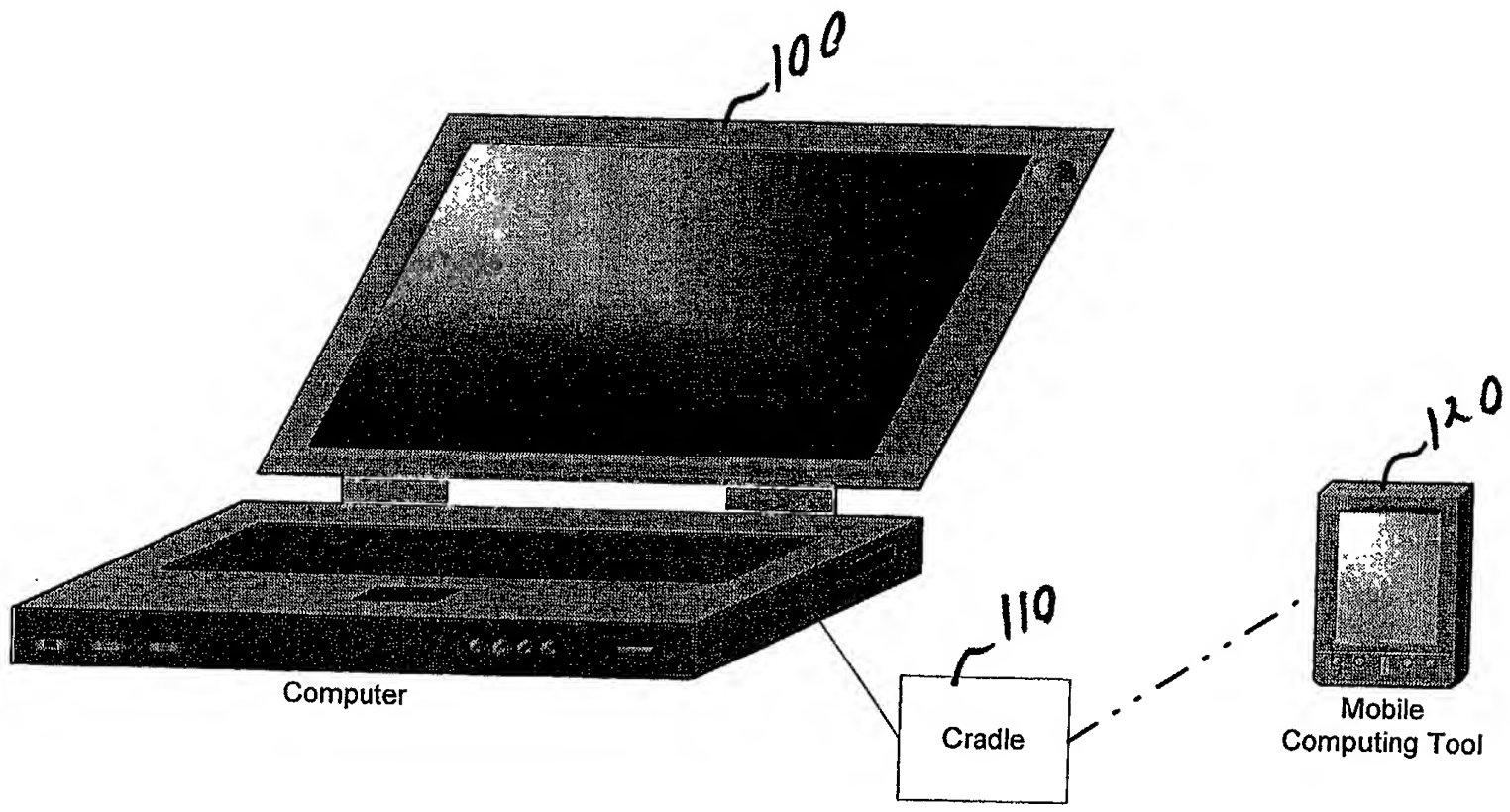

FIG. 1

Computer Configuration

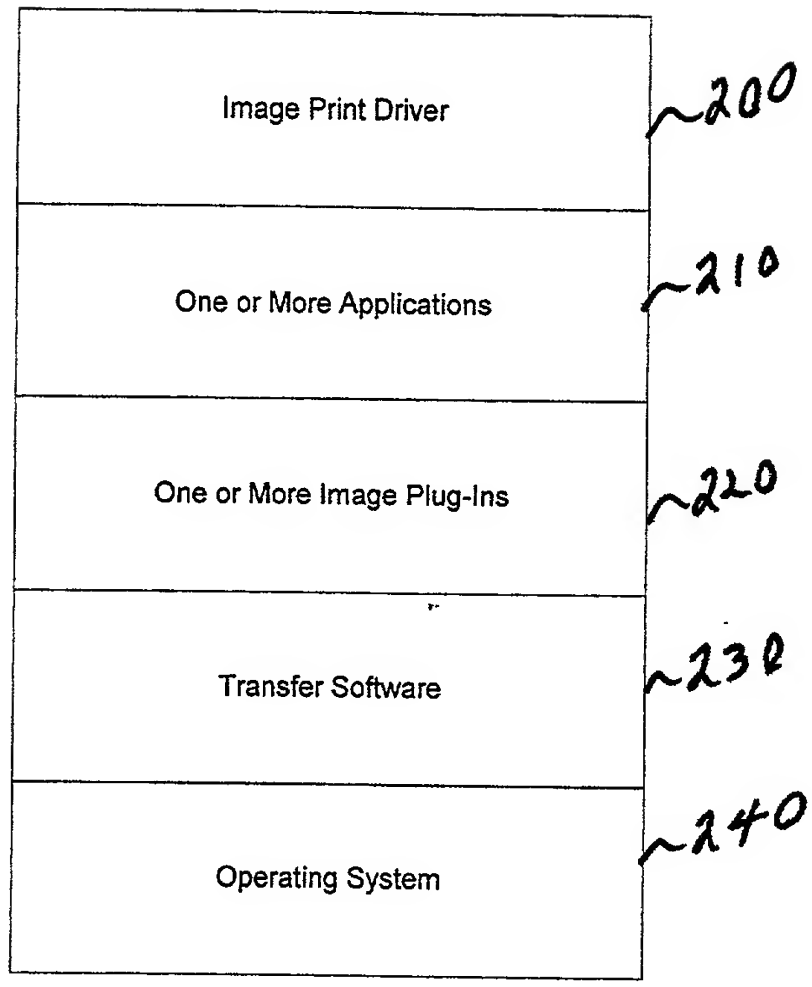

FIG. 2A

Mobile Computing Tool
Configuration

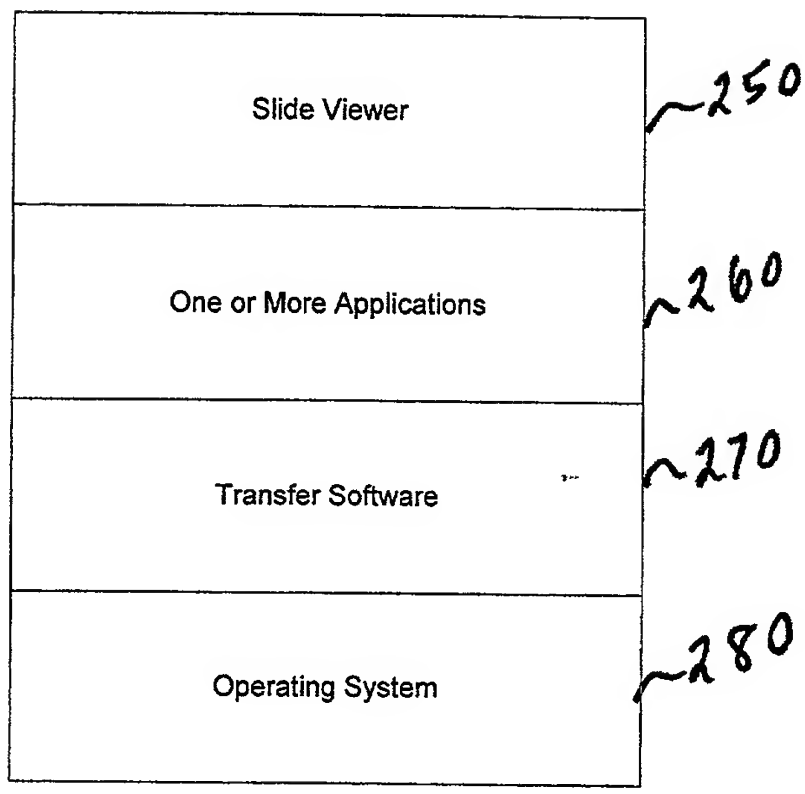

FIG. 2B

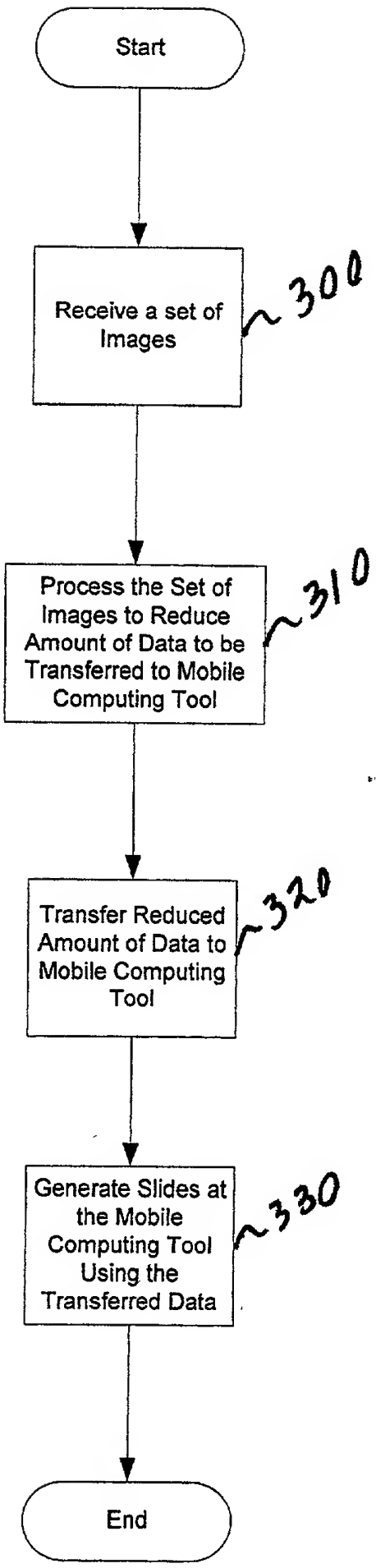
Start
Receive a set of Images
300
Process the Set of Images to Reduce Amount of Data to be Transferred to Mobile Computing Tool
310
Transfer Reduced Amount of Data to Mobile Computing Tool
320
Generate Slides at the Mobile Computing Tool Using the Transferred Data
330
End

FIG. 3

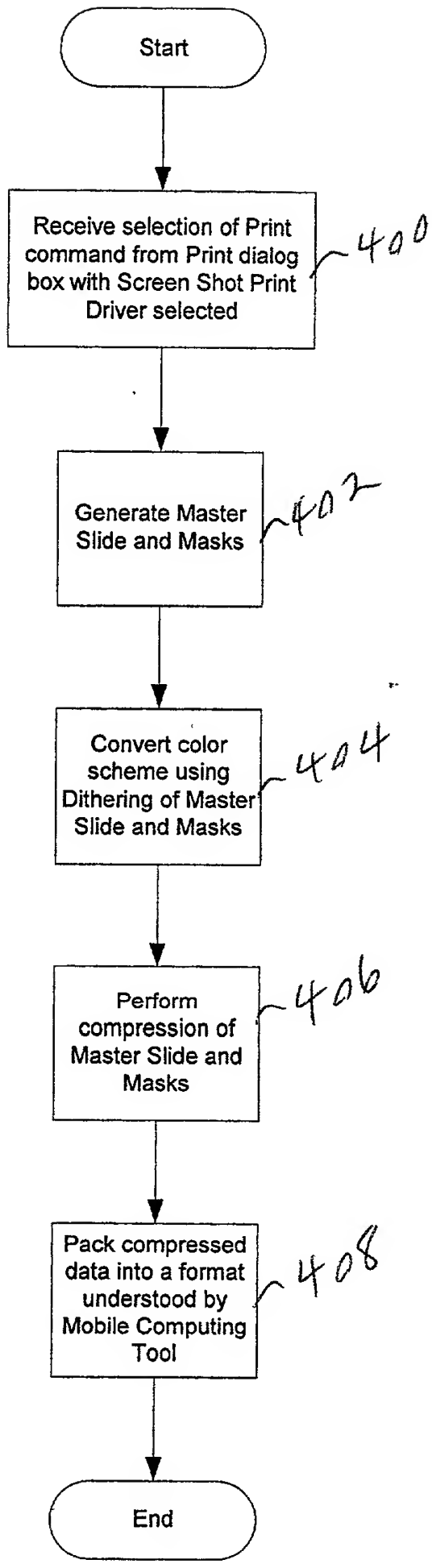
Start
Receive selection of Print command from Print dialog box with Screen Shot Print Driver selected
400
Generate Master Slide and Masks
402
Convert color scheme using Dithering of Master Slide and Masks
404
Perform compression of Master Slide and Masks
406
Pack compressed data into a format understood by Mobile Computing Tool
408
End

FIG. 4A

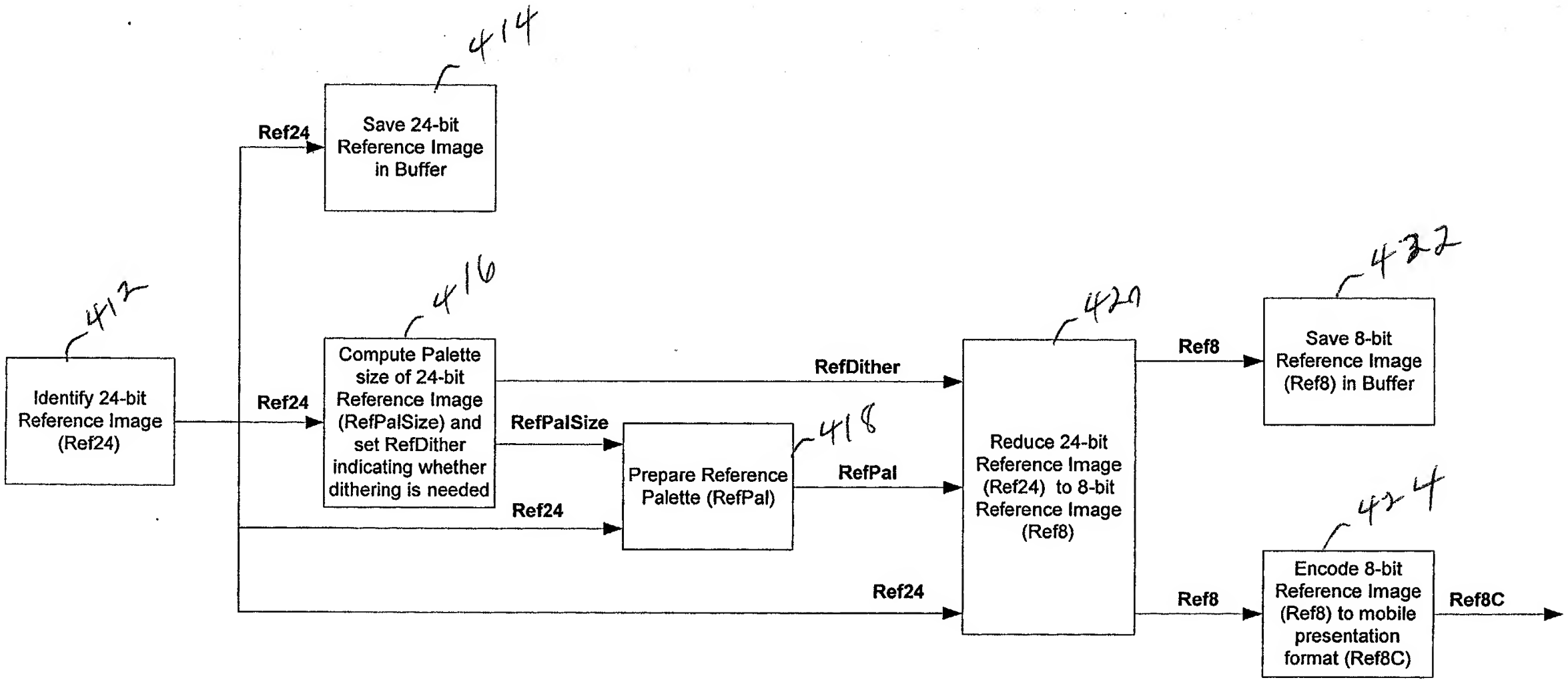
412
Identify 24-bit Reference Image (Ref24)
414
Save 24-bit Reference Image in Buffer
416
Compute Palette size of 24-bit Reference Image (RefPalSize) and set RefDither indicating whether dithering is needed
418
Prepare Reference Palette (RefPal)
420
Reduce 24-bit Reference Image (Ref24) to 8-bit Reference Image (Ref8)
422
Save 8-bit Reference Image (Ref8) in Buffer
424
Encode 8-bit Reference Image (Ref8) to mobile presentation format (Ref8C)
Ref24
Ref24
Ref24
Ref24
RefPalSize
RefDither
RefPal
Ref8
Ref8
Ref8C

FIG. 4B

PATENT 20th900f

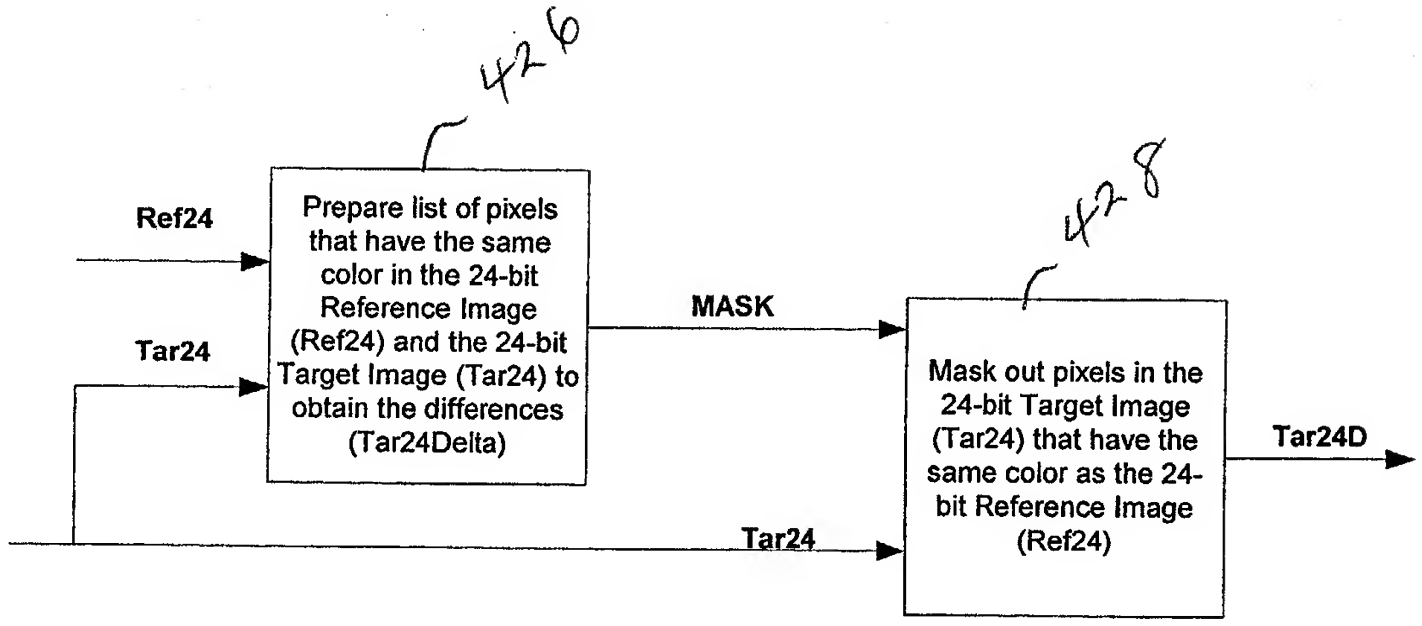

FIG. 4C

20070820n9901f

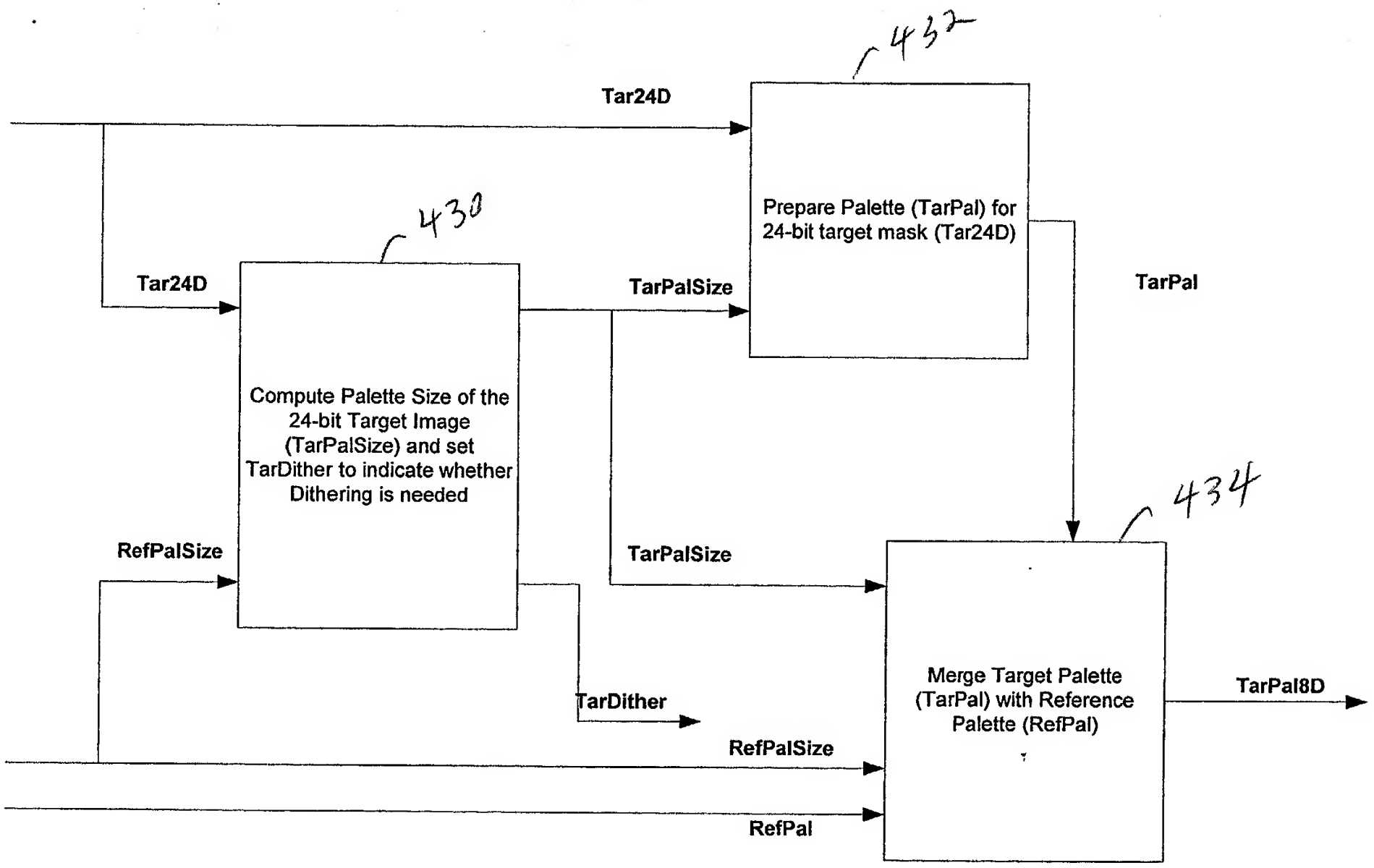

FIG. 4D

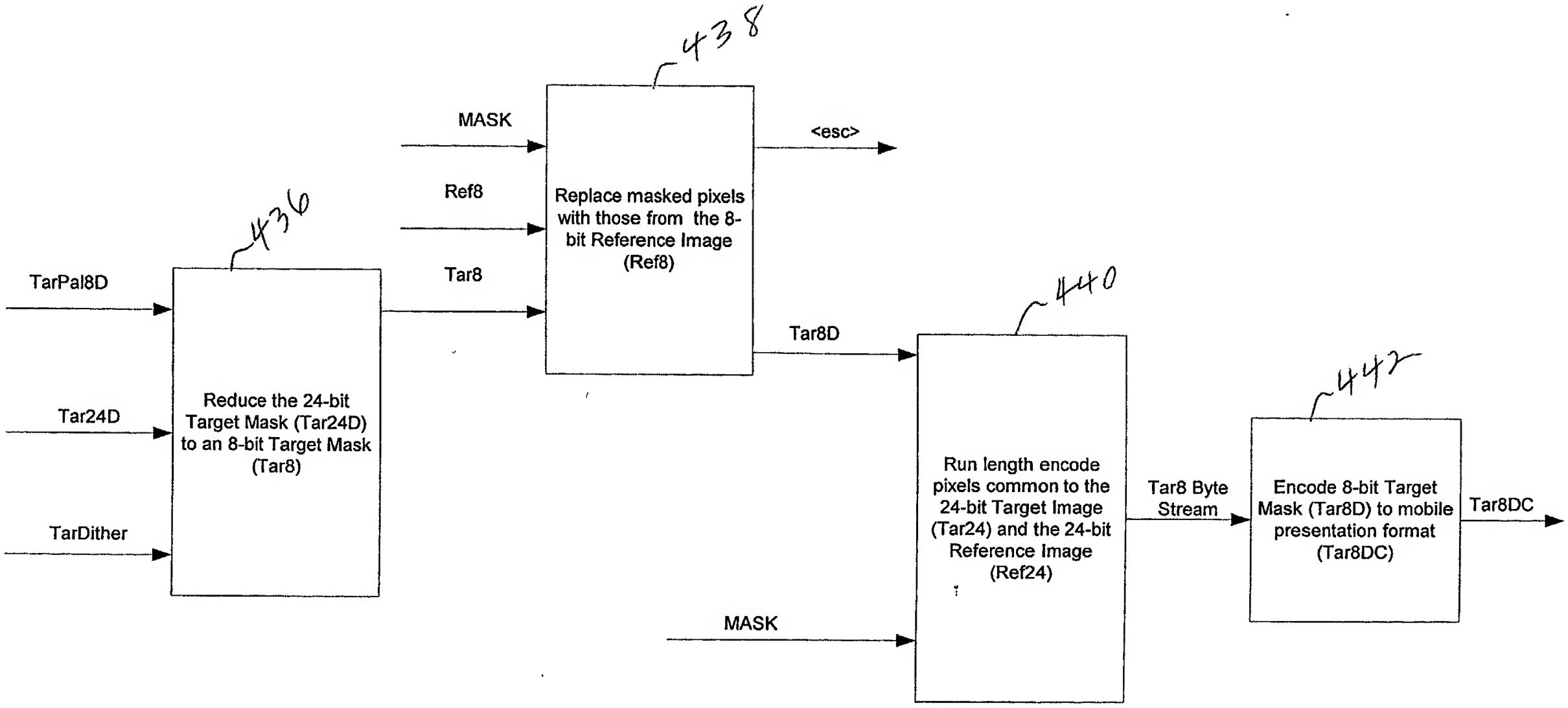
438
MASK
<esc>
Ref8
Replace masked pixels with those from the 8-bit Reference Image (Ref8)
436
TarPal8D
Tar8
Tar8D
440
442
Tar24D
Reduce the 24-bit Target Mask (Tar24D) to an 8-bit Target Mask (Tar8)
Run length encode pixels common to the 24-bit Target Image (Tar24) and the 24-bit Reference Image (Ref24)
Tar8 Byte Stream
Encode 8-bit Target Mask (Tar8D) to mobile presentation format (Tar8DC)
Tar8DC
TarDither
MASK

FIG. 4E

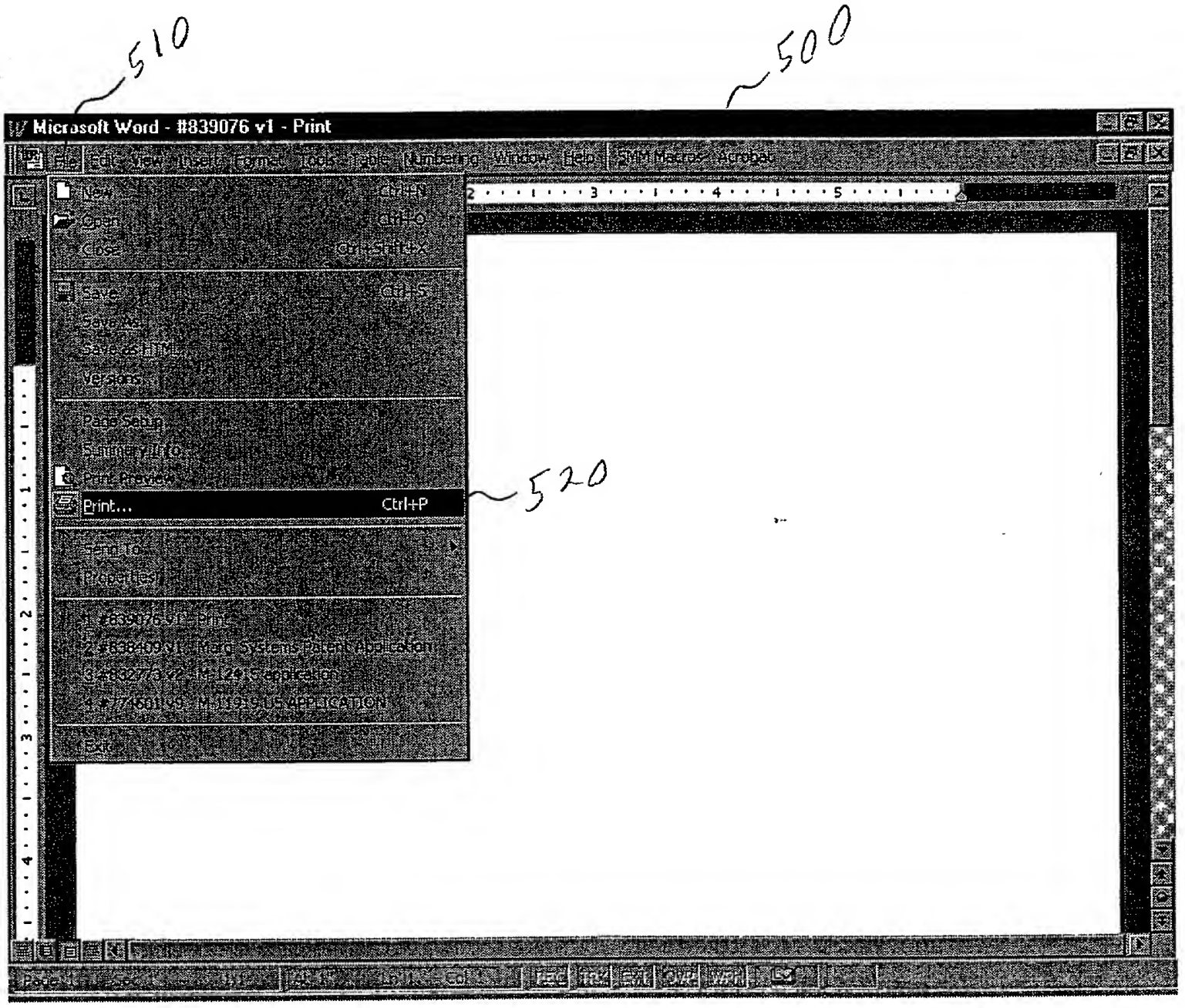
510
500
Microsoft Word - #839076 v1 - Print
File Edit View Insert Format Tools Table Numbering Window Help
New Ctrl+N
Open Ctrl+O
Close
Save Ctrl+S
Save As...
Versions...
Page Setup...
Print Preview
Print... Ctrl+P
520
Send To
Properties...
Exit

FIG. 5

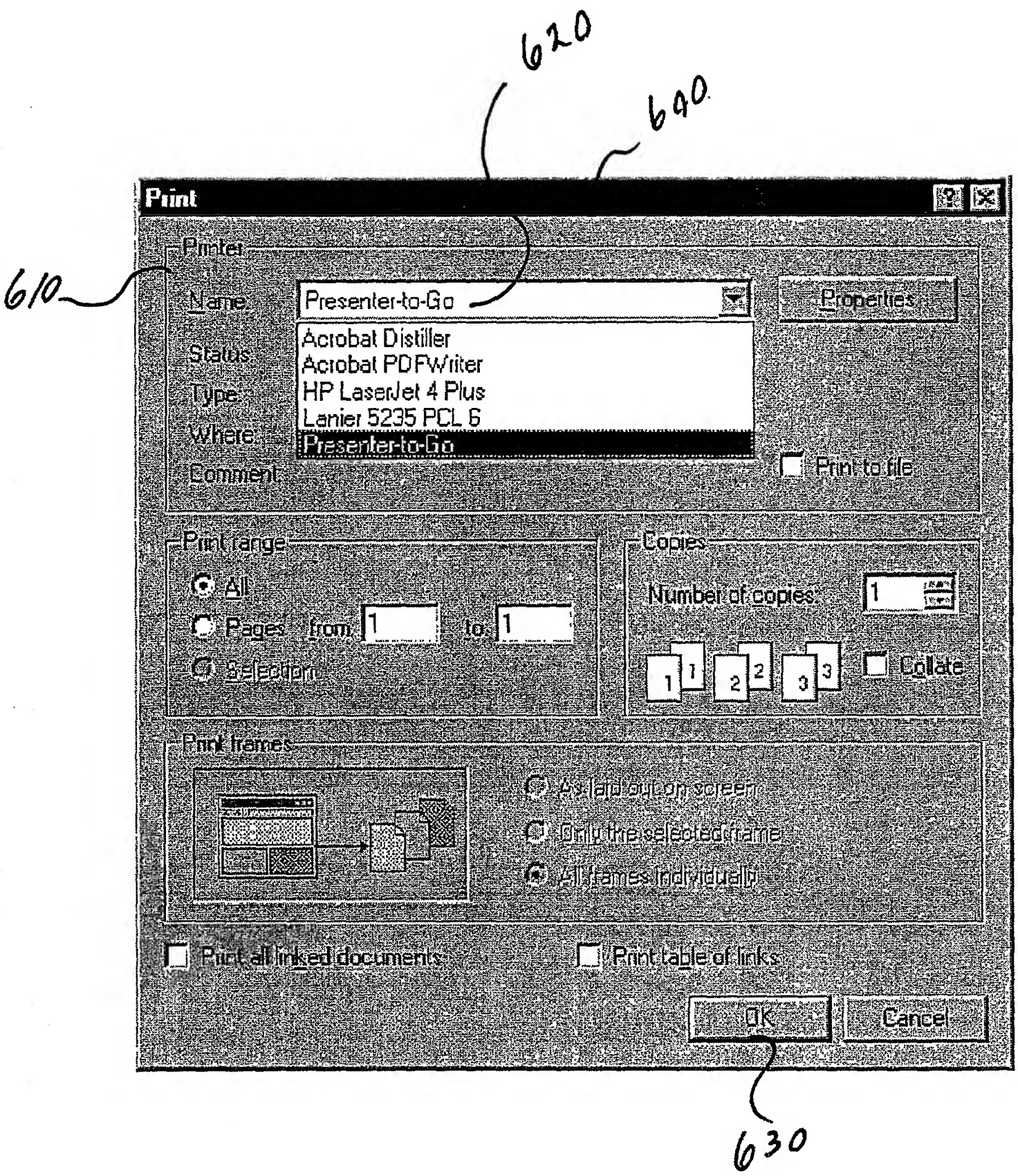
620
640
610
Print
Printer
Name:
Presenter-to-Go
Properties
Status:
Type:
Where:
Comment:
Acrobat Distiller
Acrobat PDFWriter
HP LaserJet 4 Plus
Lanier 5235 PCL 6
Presenter-to-Go
Print to file
Print range
All
Pages from 1 to 1
Selection
Copies
Number of copies: 1
Collate
Print frames
As laid out on screen
Only the selected frame
All frames individually
Print all linked documents
Print table of links
OK
Cancel
630

FIG. 6

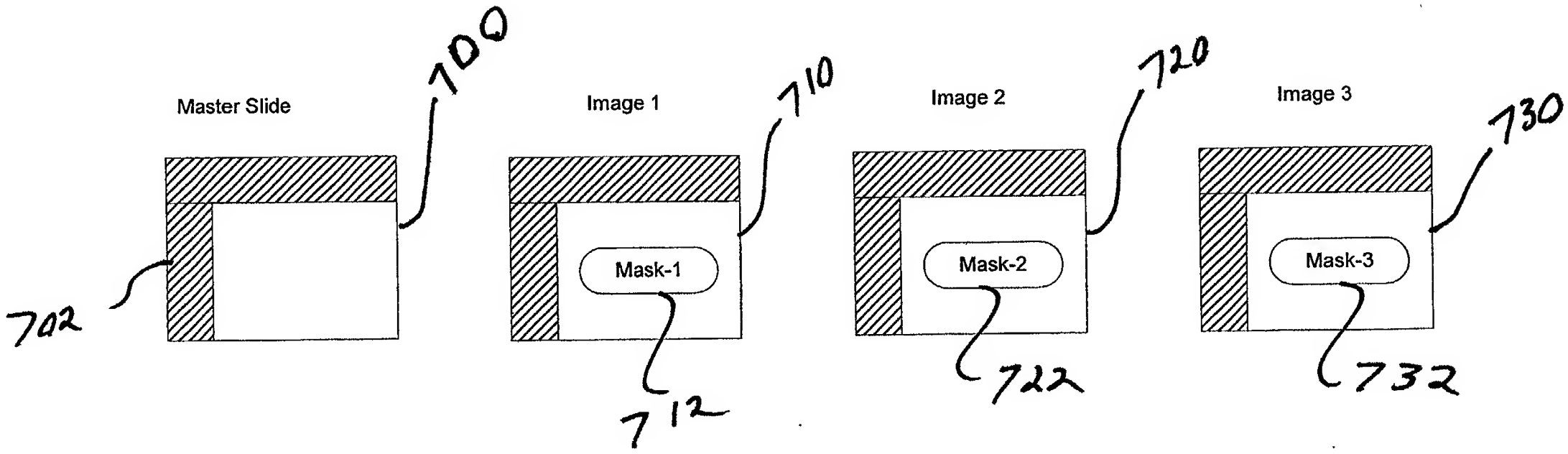
Master Slide
700
702
Image 1
710
Mask-1
712
Image 2
720
Mask-2
722
Image 3
730
Mask-3
732

FIG. 7

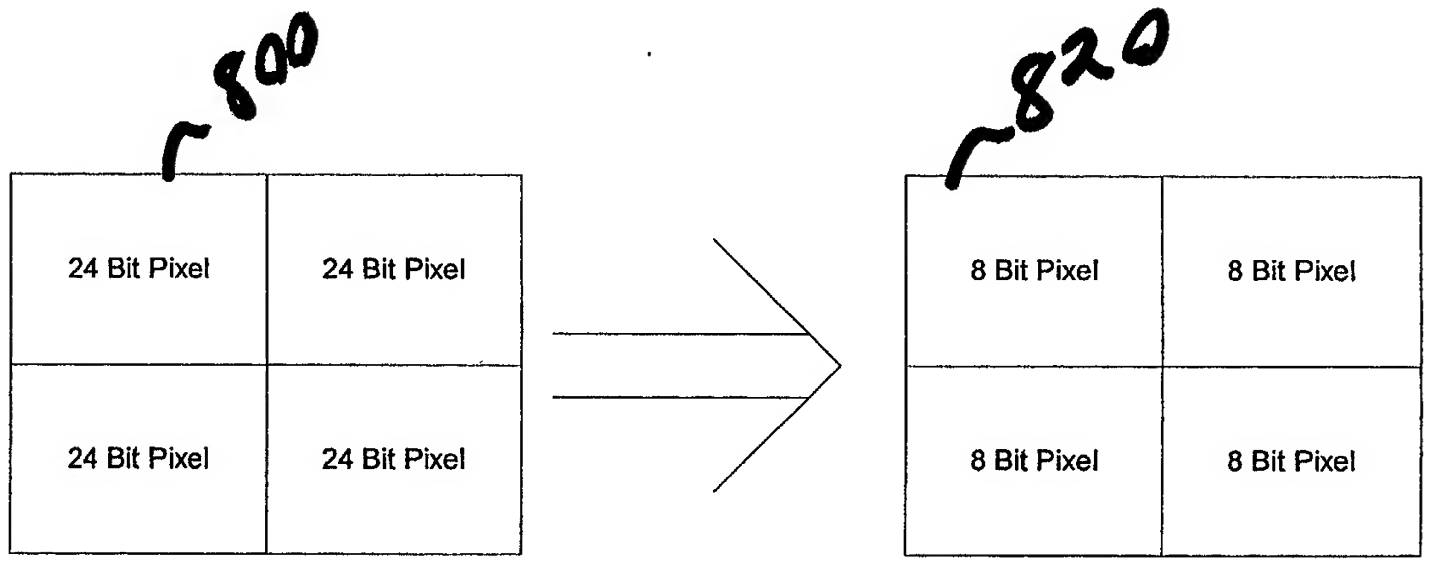
800
24 Bit Pixel
24 Bit Pixel
24 Bit Pixel
24 Bit Pixel
820
8 Bit Pixel
8 Bit Pixel
8 Bit Pixel
8 Bit Pixel

FIG. 8

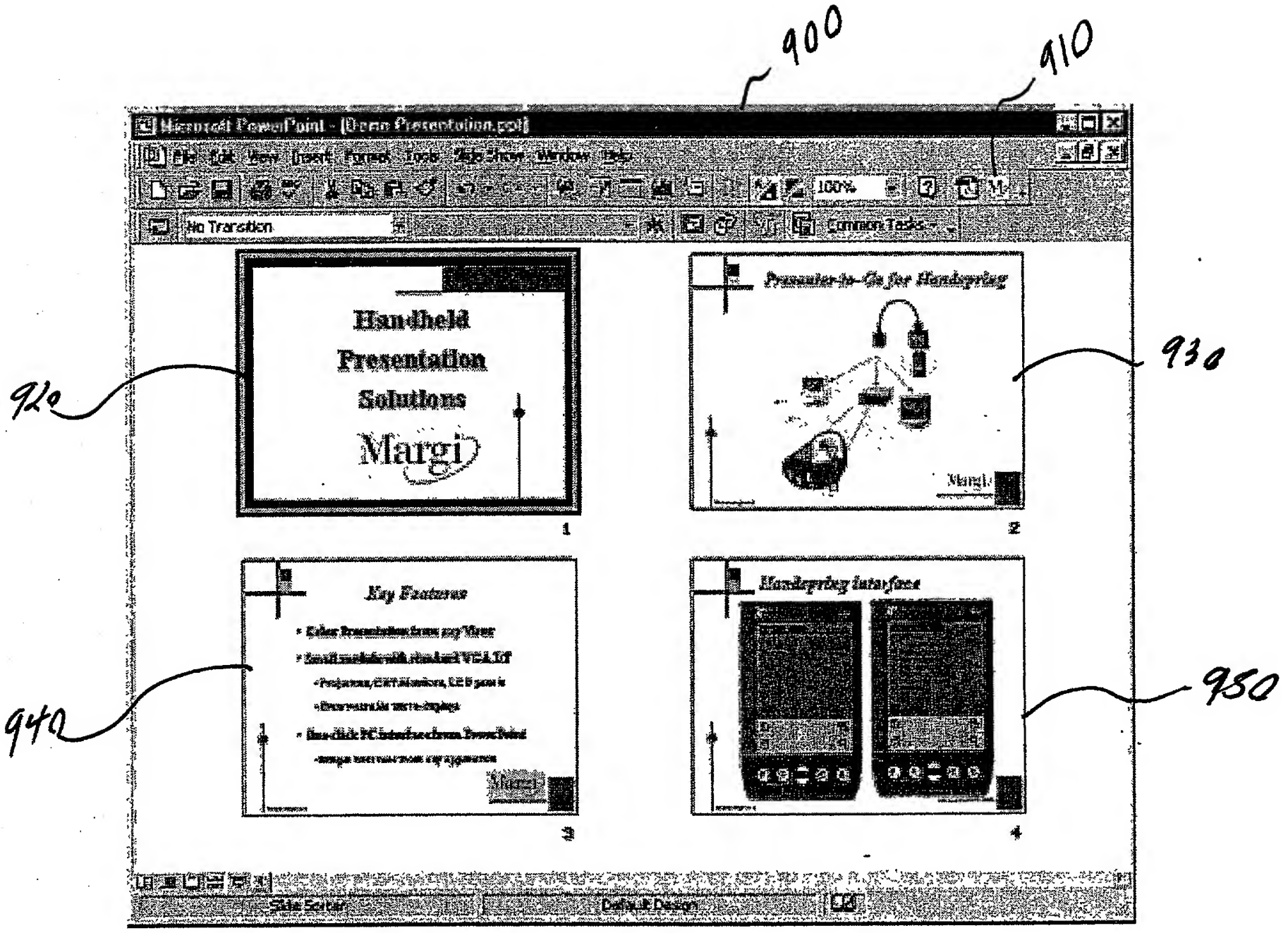
900
910
920
930
940
950
No Transition
Common Tasks
Handheld
Presentation
Solutions
Margi
Presenter-to-Go for Handspring
Key Features
Handspring interface
Slide Sorter
Default Design

FIG. 9

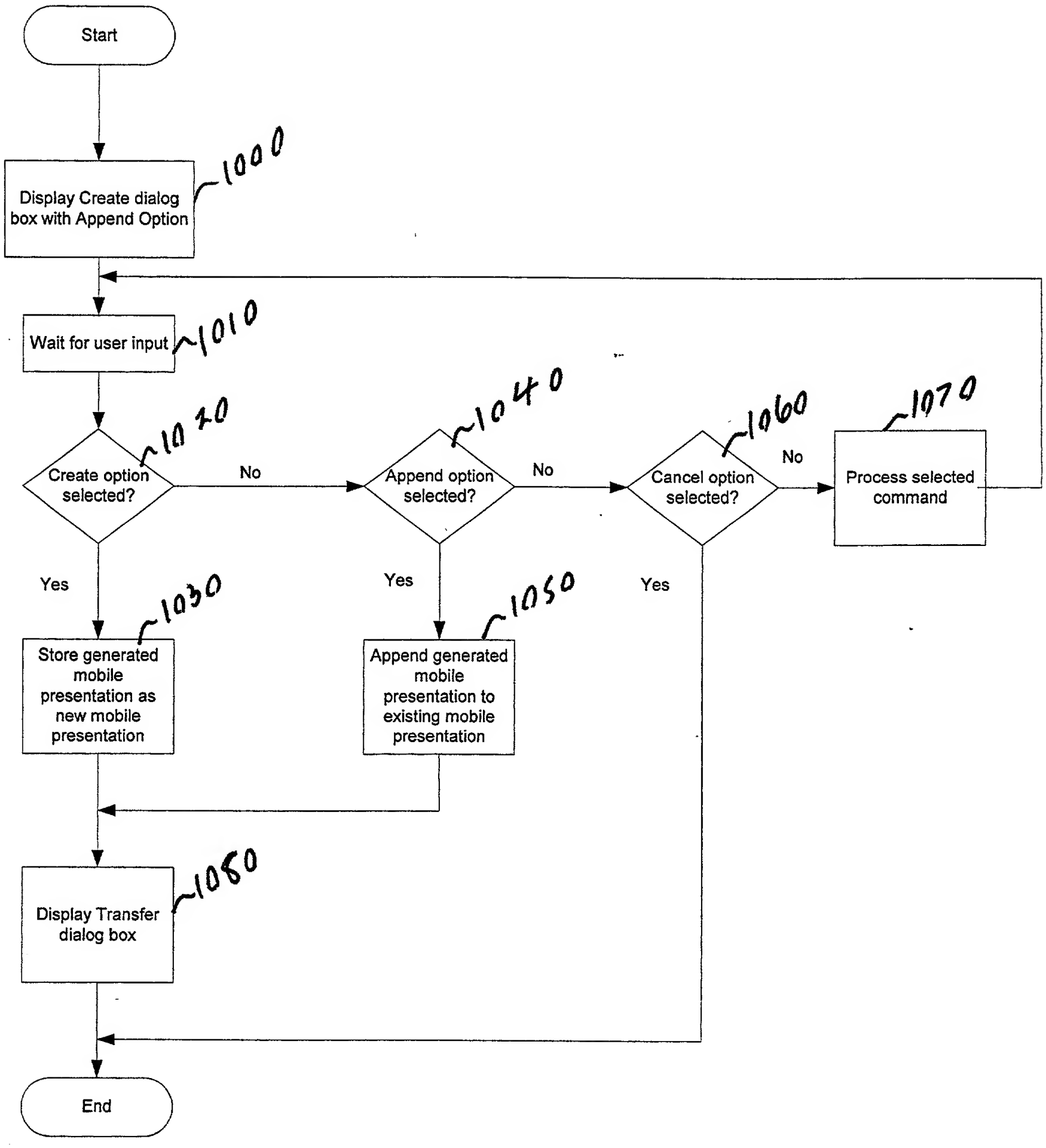
Start
Display Create dialog box with Append Option
1000
Wait for user input
1010
Create option selected?
1020
No
Append option selected?
1040
No
Cancel option selected?
1060
No
Process selected command
1070
Yes
Store generated mobile presentation as new mobile presentation
1030
Yes
Append generated mobile presentation to existing mobile presentation
1050
Yes
Display Transfer dialog box
1080
End

FIG. 10

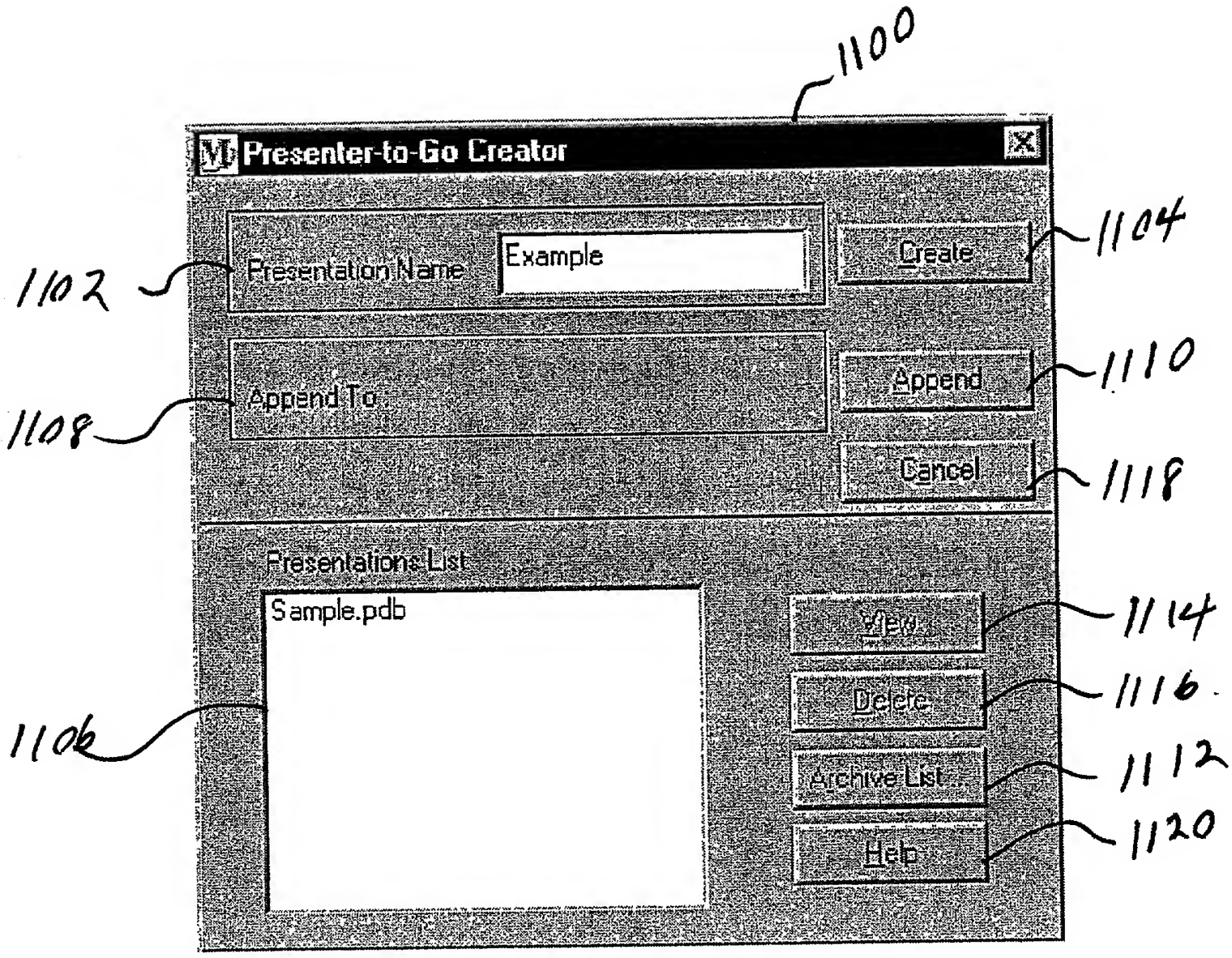
1100
Presenter-to-Go Creator
Presentation Name
Example
1102
Create
1104
Append To
1108
Append
1110
Cancel
1118
Presentations List
Sample.pdb
1106
View
1114
Delete
1116
Archive List...
1112
Help
1120

FIG. 11A

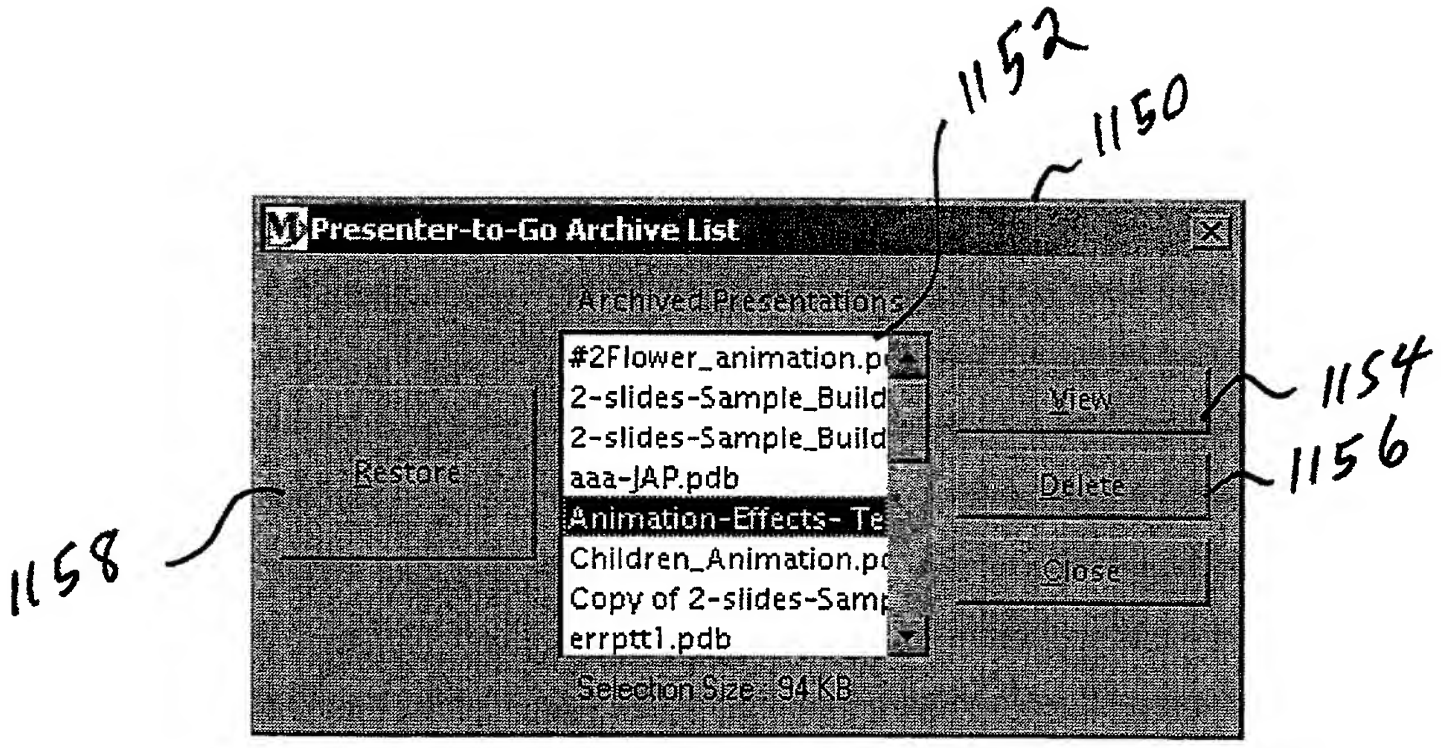
Presenter-to-Go Archive List
Archived Presentations:
#2Flower_animation.p
2-slides-Sample_Build
2-slides-Sample_Build
aaa-JAP.pdb
Animation-Effects- Te
Children_Animation.p
Copy of 2-slides-Samp
errptt1.pdb
Selection Size: 94 KB
Restore
View
Delete
Close
1152
1150
1154
1156
1158

FIG. 11B

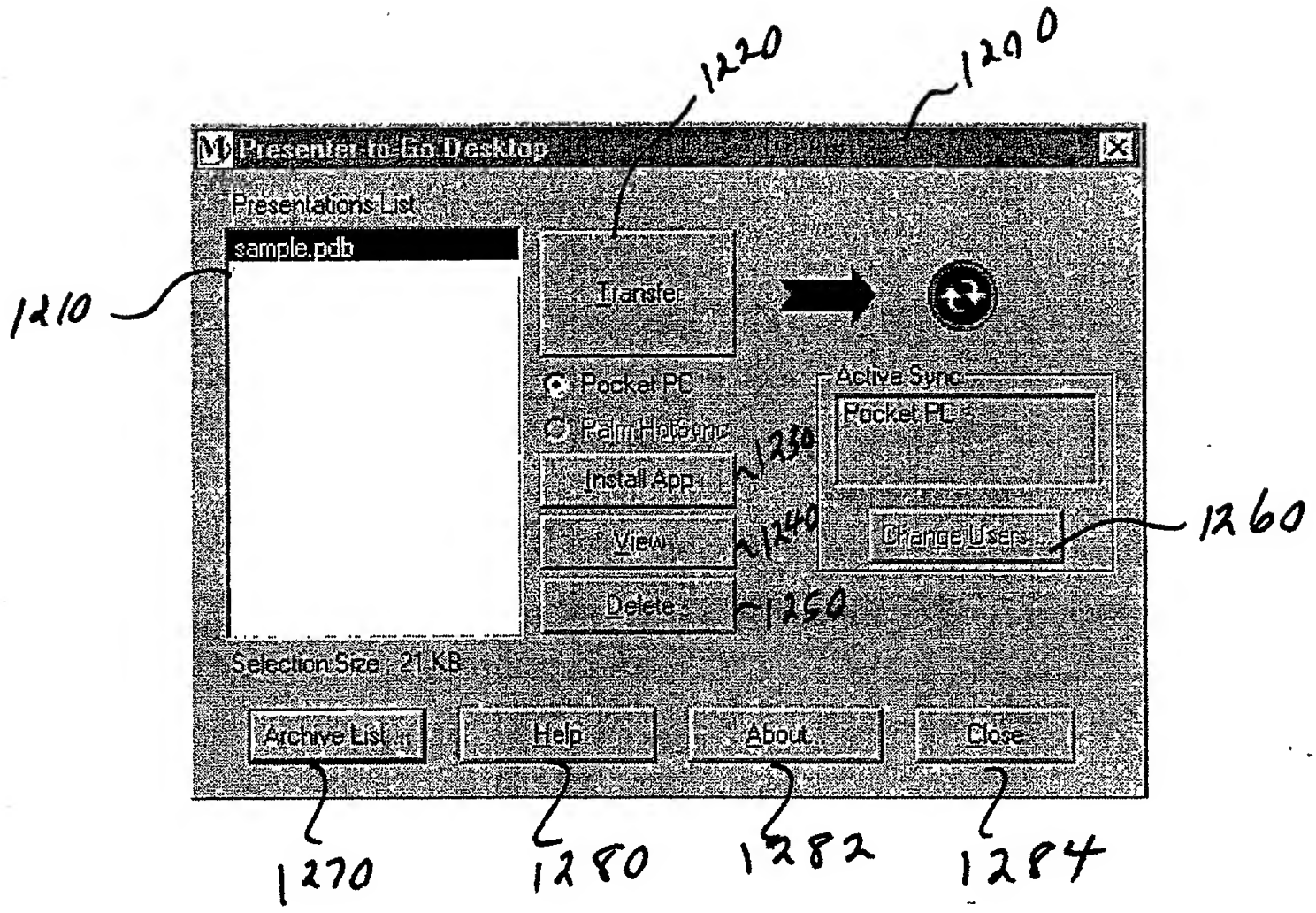
Presenter-to-Go Desktop
Presentations List
sample.pdb
Selection Size: 21 KB
Transfer
Pocket PC
Palm HotSync
Install App...
View...
Delete
Active Sync
Pocket PC
Change Users...
Archive List...
Help
About...
Close
1210
1220
1200
1230
1240
1250
1260
1270
1280
1282
1284

FIG. 12

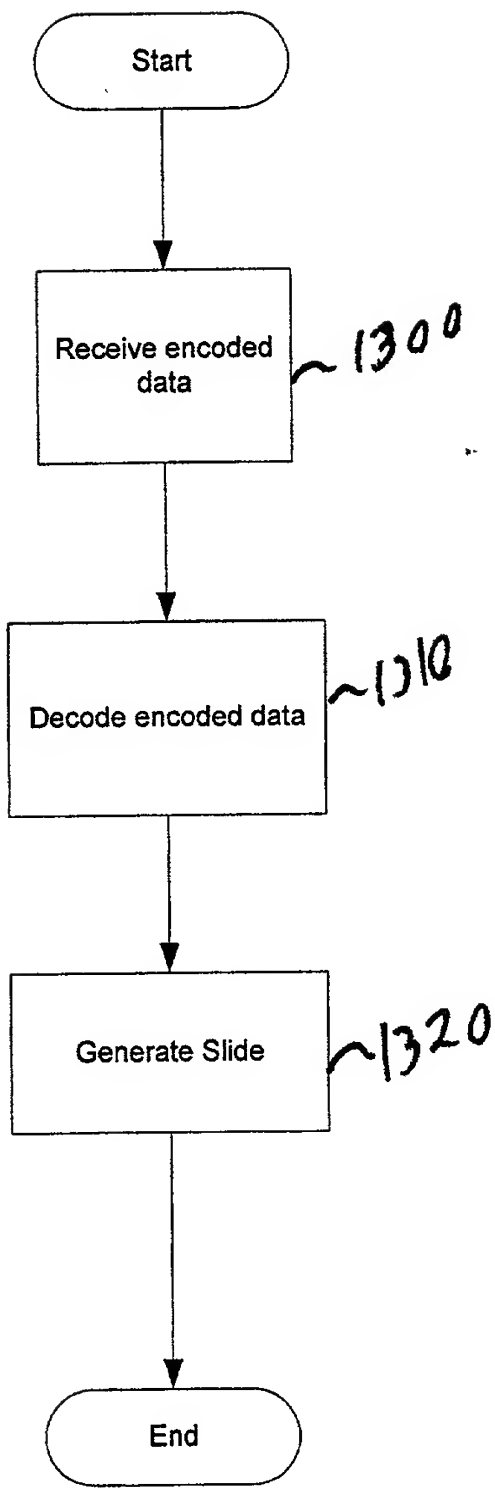
Start
Receive encoded data
1300
Decode encoded data
1310
Generate Slide
1320
End

FIG. 13A

20FE10*20A9900F

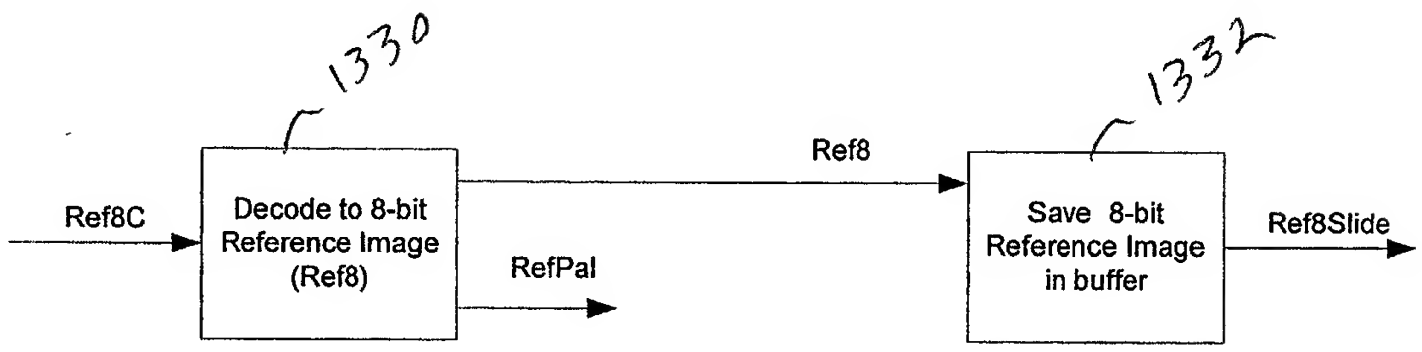

FIG. 13B

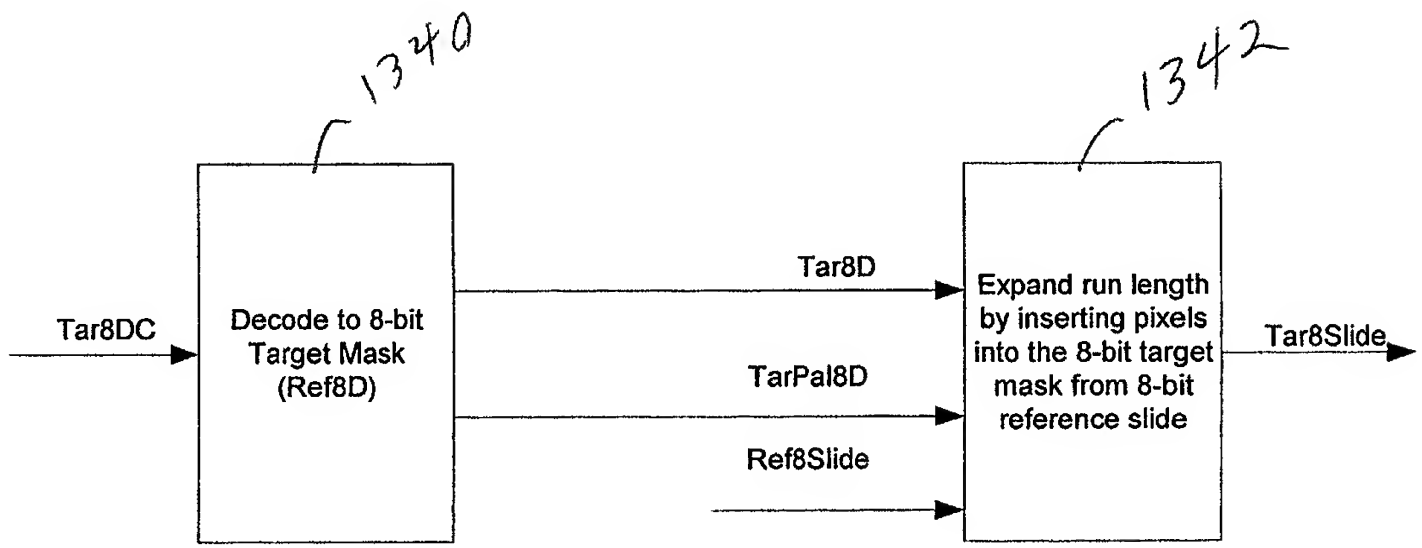
1340
1342
Tar8DC
Decode to 8-bit Target Mask (Ref8D)
Tar8D
TarPal8D
Ref8Slide
Expand run length by inserting pixels into the 8-bit target mask from 8-bit reference slide
Tar8Slide

FIG. 13C

20TE10* 20N9901

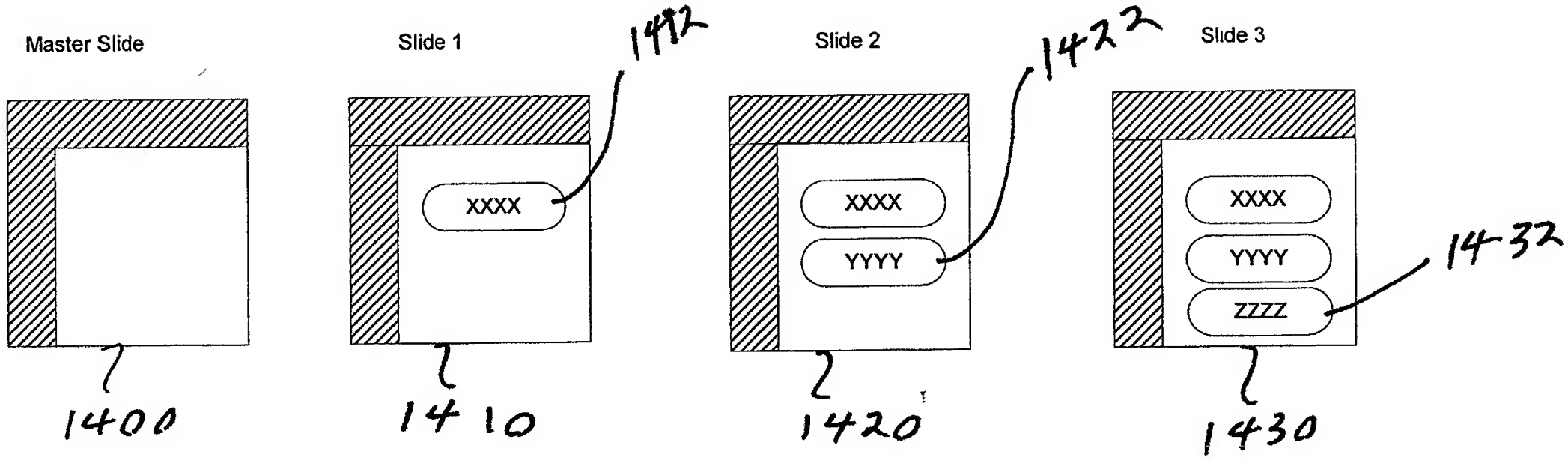

FIG. 14

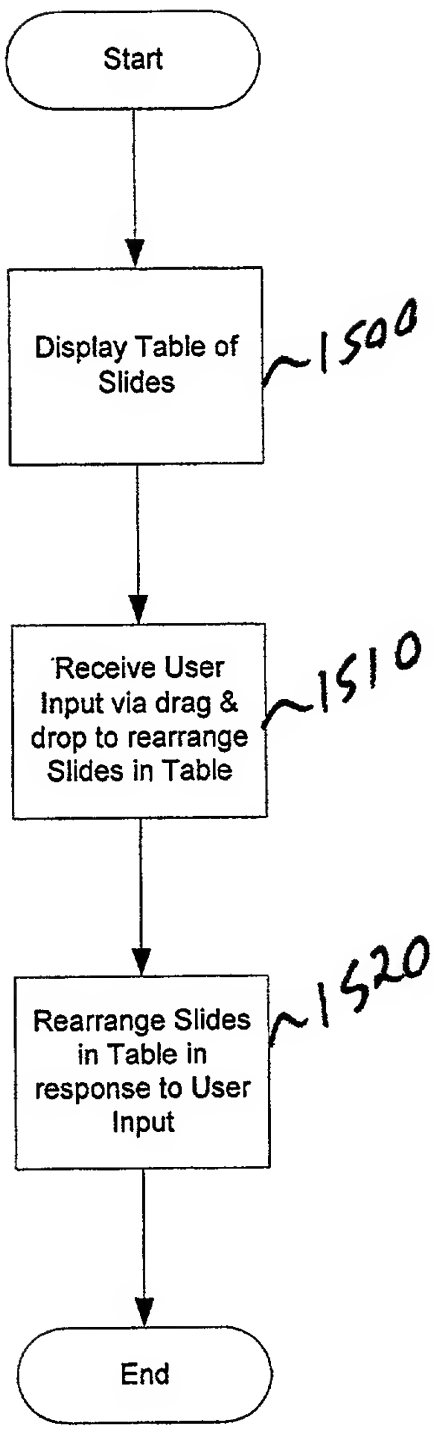
Start
Display Table of Slides
1500
Receive User Input via drag & drop to rearrange Slides in Table
1510
Rearrange Slides in Table in response to User Input
1520
End

FIG. 15

Replacement Sheet

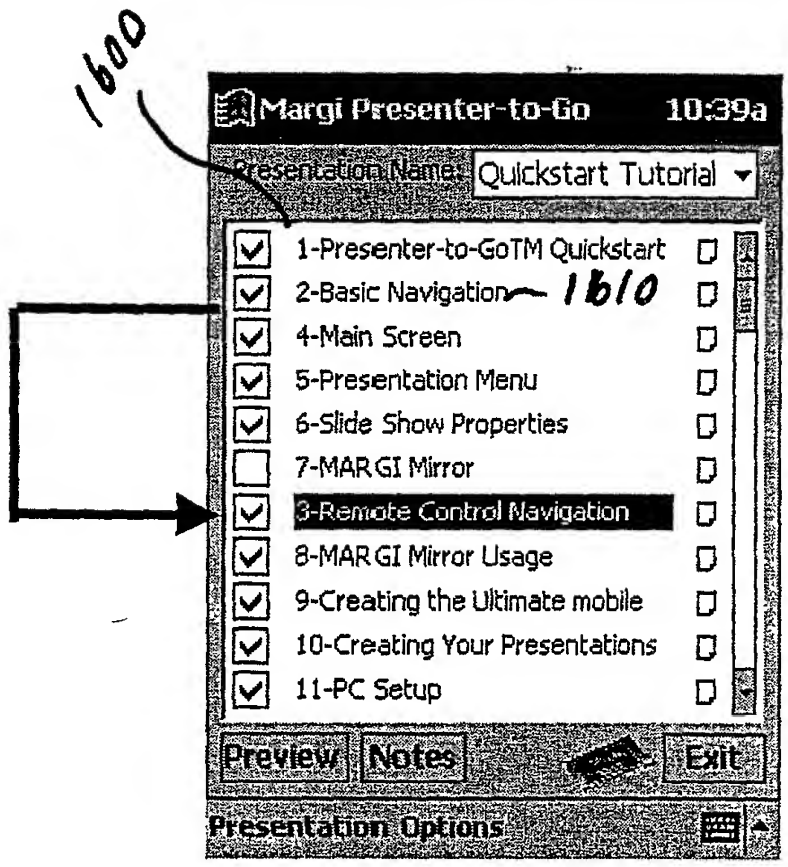

FIG. 16